

Abstract

A transmission brake is arranged in connection with an electric motor for an electric brake. The transmission brake shall allow rotation of the motor shaft in a brake applying direction, but when motor current is no longer supplied, the shaft shall be locked. Rotation of the shaft in the brake release direction presupposes reverse rotation of the motor. Clutch means are arranged between the shaft and a non-rotational housing. For accomplishing an engagement of the clutch means at a rotation of the shaft but not the motor in the brake release direction there are ramp means.